

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

HVJ Series

150°C Long Life



NEW

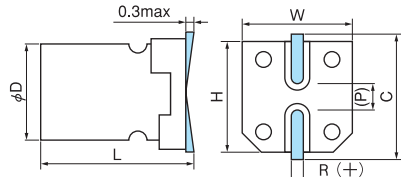
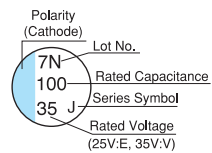
- 150°C 1,000hrs.
- Solvent proof (within 2 minutes)

HVJ
↑ 150°C
HVT (P.24)

Specifications

Items	Condition	Specifications			
Rated voltage (V)	—	25	35	50	63
Surge voltage (V)	Room temperature	32	44	63	79
Category temperature range (°C)	—	-55 to +150			
Capacitance tolerance (%)	120Hz/20°C	M : ±20			
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.16			
Leakage current (LC)	μA/after 2minutes (max)	0.05CV			
Endurance	150°C rated voltage applied (With the rated ripple current)	Test	1,000hrs.		
		ΔC/C	Within ±30% of the initial value		
		tan δ	Less than 200% of the specified value		
		ESR	Less than 200% of the specified value		
		LC	Less than the specified value		

Marking, Dimensions



(Unit : mm)

D ^{+0.5max}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{+0.2}	R	P
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6

A pressure relief vent is attached to products over φD=8 (P) preference size

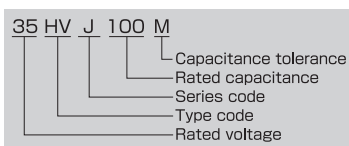
Size, ESR, Rated Ripple Current

μF \ V	25		35		50		63	
15							6.3×7.7	100 380
22					6.3×7.7	80 410		
33							8×10.5	40 610
47			6.3×7.7	60 510				
56					8×10.5	35 660	10×10.5	30 710
68	6.3×7.7	45 540					10×12.5	22 810
100			8×10.5	30 710	10×10.5	28 780		
120					10×12.5	19 890		
150	8×10.5	27 740	10×10.5	23 830				
220			10×12.5	17 950				
270	10×10.5	22 850						
330	10×12.5	16 970						

Please refer to page 19 for ripple current frequency coefficients.

ESR(mΩ) max at 100kHz, 20°C Case size: φDxL(mm) Rated ripple current mA_{RMS}(100kHz, 125°C)

Model No.



Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Basic Construction Features Characteristics

Advantages of EP-cap

Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

HVA

HVBF

HVH

HVP

HVT

HVJ

HVHZ

HVPZ

HVHF

HVPF

HVPX

HVPC

HEH

HEHZ

HEPZ